



Subst. For, PTO-1449

INFORMATION DISCLOSURE  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number  
112917.144CNApplication Number  
10/047,072Applicant  
Steinman, et al.Filing Date  
January 15, 2002Group Art Unit  
1644

Sheet 1 OF 1

## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

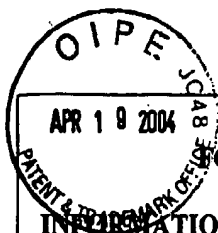
## Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

1572	O'Doherty, et al., "HUMAN BLOOD CONTAINS TWO SUBSETS OF DENDRITIC CELLS, ONE IMMUNOLOGICALLY MATURE AND THE OTHER IMMATURE," Immunology 82:487-493 (1994)
1	Sallusto F., et al., "EFFICIENT PRESENTATION OF SOLUBLE ANTIGEN BY CULTURED HUMAN DENDRITIC CELLS IS MAINTAINED BY GRANULOCYTE/MACROPHAGE COLONY STIMULATING FACTOR PLUS INTERLEUKIN 4 AND DOWNREGULATED BY TUMOR NECROSIS FACTOR ALPHA," J. Exp. Med. 179(4):1109-1118 (1994)

EXAMINER 1572 7/24/01	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	



APR 19 2004

FORM PTO-1449

Attorney Docket:  
2016-4011US2Serial No.:  
08/600,483

## INFORMATION DISCLOSURE CITATION

Applicant:  
RALPH M. STEINMAN, ET AL.Filing Date:  
February 12, 1996Group Art Unit:  
1644

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
LSW	5,529,903	25/06/96	Kübler, et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Country	Class	Sub-Class	Translation
	42 28 389 A1	02/03/94	Germany			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	0 584 715 A2	02/03/94	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	0 584 715 B1	23/12/98	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	Tseng, Jerming et al., "SUPPRESSION OF TUMOR NECROSIS FACTOR- $\alpha$ , INTERLEUKIN- $1\beta$ , INTERLEUKIN-6 AND GRANULOCYTE-MONOCYTE COLONY STIMULATING FACTOR SECRETION FROM HUMAN MONOCYTES BY AN EXTRACT OF PORIA COCOS", Chinese J. Microbiol. Immunol., 25:1-11 (1992)
	Peters, Anke M.J., et al., "CYTOKINE SECRETION BY PERIPHERAL BLOOD MONOCYTES FROM HUMAN IMMUNODEFICIENCY VIRUS-INFECTED PATIENTS IS NORMAL", Clin. Immunol. and Immunopathol., 61:343-352 (1991)
	Jenkins, John K., et al., "INTERLEUKIN 1 RECEPTOR ANTAGONIST PRODUCTION IN HUMAN MONOCYTES IS INDUCED BY IL- $1\alpha$ , IL-3, IL-4 AND GM-CSF", Cytokine 5:407-415, (1993)
	Xu, Hui et al., "DENDRITIC CELLS DIFFERENTIATED FROM HUMAN MONOCYTES THROUGH A COMBINATION OF IL-4, GM-CSF AND IFN- $\gamma$ EXHIBIT PHENOTYPE AND FUNCTION OF BLOOD DENDRITIC CELLS", Dendritic Cells in Fundamental and Clinical Immunology Vol., 2, Plenum Press, New York 1995
	Radmayr C. et al., "DENDRITIC ANTIGEN-PRESENTING CELLS FROM THE PHERIPHERAL BLOOD OF RENAL-CELL-CARCINOMA PATIENTS", Int. J. Cancer 63:627-632 (1995)
	Milarski, Kim L. et al., "EXPRESSION OF HUMAN HSP70 DURING THE SYNTHETIC PHASE OF THE CELL CYCLE", Proc. Natl. Acad. Sci. USA, 83:9517-9521 (1986)
	Najar, H.M. et al., "DIFFERENTIATION OF HUMAN MONOCYTES INTO ACCESSORY CELLS AT SERUM-FREE CONDITIONS", Eur. J. Cell Biol; 51(2):339-46 (1990)


Examiner


Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.

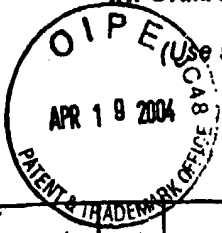
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>067000,409</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648-1644	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>		4,861,589	8/29/89	JU			
		5,851,756	12/22/98	STEINMAN, ET AL.			
		5,994,126	11/30/99	STEINMAN, ET AL.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
		WO 95/34638	12/21/95	WIPO			
		WO 95/28479	10/26/95	WIPO			X (Abstract only)
		WO 95/15340	6/8/95	WIPO			
		WO 94/02156	2/3/94	WIPO			
		WO 93/20185	10/14/93	WIPO			
		WO 91/13632	9/19/91	WIPO			
		EP 0 546 787 A2	6/16/93	EPO			X
		EP 0 563 485 A1	10/6/93	EPO			X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)</b>							
		PERIPHERAL STEM CELLS MADE TO WORK - <u>THE LANCET</u> , MARCH 14, 1992, VOL. 339, PP. 648-649					
		ABBAS, ET AL. "UPTAKE & PROCESSING OF EXTRACELLULAR PROTEIN ANTIGENS BY ANTIGEN-PRESENTING CELLS", W.B. SAUNDERS CO. 1991 AT 124-126					
		ABBAS, ET AL. <u>CELLULAR AND MOLECULAR IMMUNOLOGY</u> , W.B. SAUNDERS CO. PHILADELPHIA 1991 AT 117					
		ABBAS, ET AL. <u>CELLULAR AND MOLECULAR IMMUNOLOGY</u> , SECOND EDITION, SECTION IV, PP 328-329					
		Agger, R., et al. "TWO POPULATIONS OF SPLENIC DENDRITIC CELLS DETECTED WITH M342, A NEW MONOCLONAL TO AN INTRACELLULAR ANTIGEN OF INTERDIGITATING DENDRITIC CELLS AND SOME B LYMPHOCYTES", <u>J. Leukocyte Biol.</u> 52:34-42, July 1992					
		AKAGAWA, ET AL. "IL-4 STIMULATES THE GENERATION OF DENDRITIC CELLS AND MULTINUCLEATED GIANT CELLS FROM HUMAN MONOCYTES", <u>LYMPHOKINE AND CYTOKINE RESEARCH</u> , VOL. 12, NO. 5, OCTOBER, 1993, P. 326					

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>06/000,463</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				ALIJAGIC, ET AL. "DENDRITIC CELLS GENERATED FROM PERIPHERAL BLOOD TRANSFECTED WITH HUMAN TYROSINASE INDUCE SPECIFIC T CELL ACTIVATION." <u>EUR. J. IMMUNOLOGY</u> , VOL. 25, PP. 3100-3107, 1995			
				ARDAVIN, ET AL. "THYMIC DENDRITIC CELLS AND T CELLS DEVELOP SIMULTANEOUSLY IN THE THYMUS FROM A COMMON PRECURSOR POPULATION", <u>NATURE</u> 362:761-763, APRIL 1993			
				AUSTYN, J.M., "LYMPHOID DENDRITIC CELLS" <u>IMMUNOLOGY</u> , VOL. 62, PP. 161-170, 1987.			
				AUSTYN, ET AL. "ISOLATION AND CHARACTERIZATION OF DENDRITIC CELLS FROM MOUSE HEART AND KIDNEY." <u>J. IMMUNOLOGY</u> , VOL. 152, PP 2401-2410, 1994.			
				BAKER, ET AL. <u>BASIC AND CLINICAL IMMUNOLOGY</u> , SEVENTH ED., APPELTON & LANGE, NORWALK, CT, 1991			
				BAKKER, ET AL. "GENERATION OF ANTIMELANOMA CYTOTOXIC T LYMPHOCYTES FROM HEALTHY DONORS AFTER PRESENTATION OF MELANOMA-ASSOCIATED ANTIGEN-DERIVED EPTIOPEs BY DENDRITIC CELLS IN VITRO." <u>CANCER RESEARCH</u> , VOL. 55, PP. 5330-5334, NOVEMBER 15, 1995.			
				BARFOOT, ET AL. "SOME PROPERTIES OF DENDRITIC MACROPHAGES FROM PERIPHERAL LYMPH", <u>IMMUNOLOGY</u> 1989, VOL. 68, NO. 2. PP. 233-239			
				BENDER, ET AL. "IMPROVED METHODS FOR THE GENERATION OF DENDRITIC CELLS FROM NONPROLIFERATING PROGENITORS IN HUMAN BLOOD", <u>J. IMMUNOL.</u> , VOL. 196, 1996, PP. 121-135			
				BENDER, ET AL. "INACTIVATED INFLUENZA VIRUS, WHEN PRESENTED ON DENDRITIC CELLS, ELICIT HUMAN CD8 <sup>+</sup> CYTOLYTIC T CELL RESPONSES." <u>J. EXP. MED.</u> , VOL. 182, PP. 1663-1671, DECEMBER, 1995.			
				BHARDWAJ, ET AL. "INFLUENZA VIRUS-INFECTED DENDRITIC CELLS STIMULATE STRONG PROLIFERATIVE AND CYTOLYTIC RESPONSES FROM HUMAN CD8 <sup>+</sup> T CELLS." <u>J. CLIN. INVEST.</u> VOL. 94, PP.797-807, AUGUST, 1994.			
				BHARDWAJ, ET AL. "IL-12 IN CONJUNCTION WITH DENDRITIC CELLS ENHANCES ANTI-VIRAL, CD8 <sup>+</sup> CTL RESPONSES IN VITRO." <u>J. CLIN INVEST.</u> , VOL. 98, NO. 3, PP. 715-722, AUGUST, 1996.			
				BOOG, ET AL. "ABOLITION OF SPECIFIC IMMUNE RESPONSE DEFECT BY IMMUNIZATION WITH DENDRITIC CELLS", <u>NATURE</u> , NOVEMBER 7, 1985, VOL. 318, PP. 59-62			
				BOON "TUMOR ANTIGENS RECOGNIZED BY T LYMPHOCYTES", <u>ANNUAL REVIEW OF IMMUNOLOGY</u> , VOL. 12, PAGES 337-365, 1994			
				BOON, ET AL. "TUMOR ANTIGENS RECOGNIZED BY CYTOLYTIC T LYMPHOCYTES: PRESENT PERSPECTIVES FOR SPECIFIC IMMUNOTHERAPY", <u>INT. J. CANCER</u> , VOL. 54, PP. 177-180 (1993)			
				BOWERS, ET AL. "DIFFERENTIATION OF DENDRITIC CELLS IN CULTURES OF RAT BONE MARROW CELLS", <u>J. EXP. MED.</u> , APRIL, 1986, VOL. 163, PP. 872-883			
				BRITZ, ET AL. "SPECIALIZED ANTIGEN-PRESENTING CELLS, SPLENIC DENDRITIC CELLS AND PERITONEAL-EXUDATE CELLS INDUCED BY MYCOBACTERIA ACTIVATE EFFECTOR T CELLS THAT ARE RESISTANT TO SUPPRESSION", <u>J. EXP. MED.</u> , MAY, 1982, VOL. 155, PP. 1344-1356			

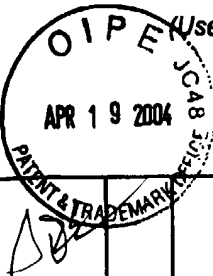
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>08/699,498</del>	
 (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
186				BUJDOSO, ET AL. "CHARACTERIZATION OF SHEEP AFFERENT LYMPH DENDRITIC CELLS AND THEIR ROLE IN ANTIGEN CARRIAGE", <u>J. EXP. MED.</u> , OCTOBER, 1989, VOL. 170, PP. 1285-1302			
				CAUX, ET AL. "RECENT ADVANCES IN THE STUDY OF DENDRITIC CELLS AND FOLLICULAR DENDRITIC CELLS." <u>IMMUNOLOGY TODAY</u> , VOL. 16, NO. 1, PP. 2-4, 1995.			
				CAUX, ET AL. "HUMAN DENDRITIC LANGERHANS CELLS GENERATED IN VITRO FROM CD34+ PROGENITORS CAN PRIME NAIVE CD4+ T CELLS AND PROCESS SOLUBLE ANTIGEN." <u>J. IMMUNOLOGY</u> , VOL. 155, PP. 5427-5435, 1995.			
				CAUX, ET AL. "CD34+ HEMATOPOIETIC PROGENITORS FROM HUMAN CORD BLOOD DIFFERENTIATE ALONG TWO INDEPENDENT DENDRITIC CELL PATHWAYS IN RESPONSE TO GM-CSF+ TNF $\alpha$ ." <u>J. EXP. MED.</u> VOL. 184, PP. 695-706, AUGUST, 1996.			
				CAUX, ET AL. "GM AND TNF- $\alpha$ COOPERATE IN THE GENERATION OF DENDRITIC LANGERHANS CELLS", <u>NATURE</u> , VOL. 360, NOVEMBER 19, 1992, PP. 258-261			
				CAUX, ET AL. "TUMOR NECROSIS FACTOR-ALPHA STRONGLY POTENTIATES INTERLEUKIN-3 AND GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR-INDUCED PROLIFERATION OF HUMAN CD34+ HEMATOPOIETIC PROGENITOR CELLS", <u>BLOOD</u> , JUNE 15, 1990, VOL. 75, NO. 12, PP. 2292-2298			
				CHATTERJEE, ET AL. "IDIOTYPIC ANTIBODY IMMUNOTHERAPY OF CANCER", <u>CANCER IMMUNOLOGY IMMUNOTHERAPY</u> , VOL. 38, PP.75-82 (1994)			
				COHEN, ET AL. "MURINE EPIDERMAL LANGERHANS CELLS AND SPLENIC DENDRITIC CELLS PRESENT TUMOR-ASSOCIATED ANTIGENS TO PRIMED T CELLS", <u>EUR. J. IMMUNOL.</u> , VOL. 24, PP. 315-319, (1994)			
				COULIE, ET AL. "GENES CODING FOR ANTIGENS RECOGNIZED ON HUMAN TUMORS BY AUTOLOGOUS CYTOLYTIC T LYMPHOCYTES", <u>ANN.NY.ACAD.SCI.</u> , VOL.690, AUGUST 12, 1993, PP. 113-119			
				CROWLEY, ET AL. "DENDRITIC CELLS ARE THE PRINCIPAL CELLS IN MOUSE SPLEEN BEARING IMMUNOGENIC FRAGMENTS OF FOREIGN PROTEINS", <u>J. EXP. MED.</u> , VOL. 172, NO. 1, JULY 1, 1990, PP. 383-386			
				DE BRUIJN, ET AL. "MECHANISMS OF INDUCTION OF PRIMARY VIRUS-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSES", <u>EUR. J. IMMUNOL.</u> , Vol. 22, 1992, PP. 3013-3020			
				DECHEMA BIOTECHNOL. CONF. 4 (PT. A LECT. DECHEMA ANNU. MEET. BIOTECH. 8TH, 1990), PP. 181-184			
				DEDHAR, ET AL. "HUMAN GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR IS A GROWTH FACTOR ACTIVE ON A VARIETY OF CELL TYPES OF NONHEMOPOIETIC ORIGIN", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 85, DECEMBER 1988, PP. 9253-9257			
				DISIS, ET AL. "IN VITRO GENERATION OF HUMAN CYTOLYTIC T-CELLS SPECIFIC FOR PEPTIDES DERIVED FROM THE HER-2/neu PROTONCOGENE PROTEIN", <u>CANCER RESEARCH</u> , VOL. 54, FEBRUARY 15, 1994, PP.1071-1076			
				DRANOFF, ET AL. "VACCINATION WITH IRRADIATED TUMOR CELLS ENGINEERED TO SECRETE MURINE GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR STIMULATES POTENT, SPECIFIC, AND LONG-LASTING ANTI-TUMOR IMMUNITY", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 90, NO. 8, APRIL 1993, PP. 3539-3543			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>66,600,488</del>	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				EAVES "PERIPHERAL BLOOD STEM CELLS REACH NEW HEIGHTS", <u>BLOOD</u> , VOL. 82, NO. 7, OCTOBER 1, 1993, PP 1957-1959			
				EDGINGTON "HOW SWEET IT IS: SELECTIN-MEDIATING DRUGS", <u>BIOTECHNOLOGY</u> , VOL. 10, APRIL 1992, PP. 383-389			
				EGNER, ET AL. "THE PHENOTYPE OF FRESHLY ISOLATED AND CULTURED HUMAN BONE MARROW ALLOSITMULATORY CELLS: POSSIBLE HETEROGENEITY IN BONE MARROW DENDRITIC CELL POPULATIONS." <u>IMMUNOLOGY</u> VOL. 85, PP. 611-615.			
				EMA, ET AL. "COLONY FORMATION OF CLONE-SORTED HUMAN HEMATOPOIETIC PROGENITORS", <u>BLOOD</u> , VOL. 75, NO. 10, MAY 15, 1990, PP 1941-1946			
				FAUSTMAN, ET AL. "PREVENTION OF REJECTION OF MURINE ISLET ALLOGRAFTS BY PRETREATMENT WITH ANTI-DENDRITIC CELL ANTIBODY", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 81, JUNE 1984, PP. 3864-3868			
				FISHER, ET AL. "NEOPLASTIC CELLS OBTAINED FROM HODGKIN'S DISEASE FUNCTION AS ACCESSORY CELLS FOR MITOGEN-INDUCED HUMAN T CELL PROLIFERATIVE RESPONSES", <u>J. IMMUNOL.</u> , VOL. 132, NO. 5, MAY, 1984, PP. 2672-2677			
				FLAMAND, ET AL. "MURINE DENDRITIC CELLS PULSED IN VITRO WITH TUMOR ANTIGEN INDUCE TUMOR RESISTANCE IN VIVO", <u>EUR. J. IMMUNOL.</u> , VOL. 24, 1994, PP. 605-610			
				FLAMAND, ET AL. "VACCINATION WITH TUMOR ANTIGEN-PULSED DENDRITIC CELLS INDUCES IN VIVO RESISTANCE TO A B CELL LYMPHOMA", <u>ADV. EXP. MED. BIOL.</u> , VOL. 329, 1993, PP. 611-615			
				FOSSUM, S. "LYMPH-BORNE DENDRITIC LEUCOCYTES DO NOT RECIRCULATE, BUT ENTER THE LYMPH NODE PARACORTEX TO BECOME INTERDIGITATING CELLS." <u>SCAND. J. IMMUNOL.</u> VOL. 27, PP. 97-104, (1988).			
				FRANCOTTE, ET AL. "ENHANCEMENT OF ANTIBODY RESPONSE BY MOUSE DENDRITIC CELLS PULSED WITH TOBACCO MOSAIC VIRUS OR WITH RABBIT ANTIDIOTYPIC ANTIBODIES RAISED AGAINST A PRIVATE RABBIT IDIOTYPE", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 82, DECEMBER 1985, PP. 8149-8152			
				FREUDENTHAL, ET AL. "THE DISTINCT SURFACE OF HUMAN BLOOD DENDRITIC CELLS, AS OBSERVED AFTER AN IMPROVED ISOLATION METHOD", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 87, OCTOBER 1990, PP. 7698-7702			
				GAUGLER, ET AL. "HUMAN GENE IMAGE-3 CODES FOR AN ANTIGEN RECOGNIZED ON A MELANOMA BY AUTOLOGOUS CYTOLYTIC T LYMPHOCYTES", <u>J. EXP. MED.</u> , VOL. 179, MARCH 1994, PP. 921-930			
				GAUR, ET AL. "AMELIORATION OF AUTOIMMUNE ENCEPHALOMYELITIS BY MYELIN BASIC PROTEIN SYNTHETIC PEPTIDE-INDUCED ANERGY," <u>SCIENCE</u> , VOL. 258, NOVEMBER 27, 1992, PP. 1491-1494			
				GERDES, ET AL. "CELL CYCLE ANALYSIS OF A CELL PROLIFERATION-ASSOCIATED HUMAN NUCLEAR ANTIGEN DEFINED BY THE MONOCLONAL ANTIBODY KI-67 <sup>1</sup> ", <u>J. IMMUNOL.</u> , VOL. 133, NO. 4, OCTOBER 1984, PP. 1710-1715			
				GRABSTEIN, ET AL. "CLONING OF A T CELL GROWTH FACTOR THAT INTERACTS WITH THE $\beta$ CHAIN OF THE INTERLEUKIN-2 RECEPTOR, <u>SCIENCE</u> " 264:965-966, MAY 13, 1994			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>00/000,400</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				HAM, ET AL. "CELL CULTURE", <u>METHODS IN ENZYMOLOGY</u> , VOLUME LVIII, PAGES 44-93 (1979)			
				HEUFLER, ET AL. "GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND INTERLEUKIN 1 MEDIATE THE MATURATION OF MURINE EPIDERMAL LANGERHANS CELLS INTO POTENT IMMUNOSTIMULATORY DENDRITIC CELLS", <u>J. EXP. MED.</u> , VOL. 167, FEBRUARY 1988, PP. 700-705			
				HOLT, ET AL. "MHC CLASS II ANTIGEN-BEARING DENDRITIC CELLS IN PULMONARY TISSUES OF THE RAT", <u>J. EXP. MED.</u> , VOL. 167, FEBRUARY 1988, PP. 262-274			
				HOSAKA, ET AL. "ENTRY OF HEAT-INACTIVATED INFLUENZA VIRUS AND INDUCTION OF TARGET SUSCEPTIBILITY TO CYTOTOXIC T CELL-MEDIATED LYSIS, <u>VIRUS RES.</u> , SUPPL. 1, P. 56, 1985			
				HSU, ET AL. "VACCINATION OF PATIENTS WITH B-CELL LYMPHOMA USING AUTOLOGOUS ANTIGEN-PULSED DENDRITIC CELLS", <u>NATURE MEDICINE</u> , VOL. 2, NO. 1, JANUARY 1996, PP. 52-58			
				HUANG, ET AL. "ROLE OF BONE MARROW-DERIVED CELLS IN PRESENTING MHC CLASS 1-RESTRICTED TUMOR ANTIGENS", <u>SCIENCE</u> , VOL. 264, MAY 13, 1994, PP. 961-965			
				INABA, ET AL. "GRANULOCYTES, MACROPHAGES AND DENDRITIC CELLS ARISE FROM A COMMON MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II-NEGATIVE PROGENITOR IN MOUSE BONE MARROW", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 90, NO. 7, APRIL 1, 1993, PP. 3038-3042			
				INABA, ET AL. "IDENTIFICATION OF PROLIFERATING DENDRITIC CELL PRECURSORS IN MOUSE BLOOD", <u>J. EXP. MED.</u> , VOL. 175, MAY, 1992, PP. 1157-1167			
				Inaba, K., et al. "DENDRITIC CELLS ARE CRITICAL ACCESSORY CELLS FOR THYMUS-DEPENDENT ANTIBODY RESPONSES IN MOUSE AND MAN," <u>Proc. Natl. Acad. Sci. USA</u> 80:6041-6045, 1983			
				INABA, ET AL. "DENDRITIC CELLS PULSED WITH PROTEIN ANTIGENS IN VITRO CAN PRIME ANTIGEN-SPECIFIC, MHC-RESTRICTED T CELLS IN SITU", <u>J. EXP. MED.</u> , AUGUST, 1990, VOL. 172, PP. 631-640.			
				INABA, ET AL. "PROTEIN SPECIFIC HELPER T-LYMPHOCYTE FORMATION INITIATED BY DENDRITIC CELLS", <u>SCIENCE</u> , AUGUST 2, 1985, VOL. 229, NO. 4713, PP. 475-479			
				INABA, ET AL. "CLUSTERING OF DENDRITIC CELLS, HELPER T LYMPHOCYTES, AND HISTOCOMPATIBLE B CELLS DURING PRIMARY ANTIBODY RESPONSES IN VITRO", <u>J. EXP. MED.</u> , September, 1984, VOL. 160, NO. 3, PP. 858-876			
				INABA, ET AL. "PROPERTIES OF MEMORY T LYMPHOCYTES ISOLATED FROM THE MIXED LEUKOCYTE REACTION", <u>PRAC. NATL. ACAD. SCI. USA</u> , November 1985, VOL. 82, NO. 22, PP. 7686-7690			
				INABA, ET AL. "RESTING AND SENSITIZED T LYMPHOCYTES EXHIBIT DISTINCT STIMULATORY (ANTIGEN-PRESENTING CELL) REQUIREMENTS FOR GROWTH AND LYMPHOKINE RELEASE", <u>J. EXP. MED.</u> , VOL. 160, NO. 6, DECEMBER 1, 1984, PP. 1717-1735			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>08/000,400</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) 				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATIONS) February 12, 1996		GROUP ART UNIT <del>1648</del> 1644	
				INABA, ET AL. "THE FUNCTION OF Ia+ DENDRITIC CELLS AND Ia DENDRITIC CELL PRECURSORS IN THYMOCYTE MITOGENESIS TO LECTIN AND LECTIN PLUS INTERLEUKIN 1" <u>J. EXP. MED.</u> , VOL. 167, JANUARY 1988, PP. 149-162			
				INABA, ET AL. "GENERATION OF LARGE NUMBERS OF DENDRITIC CELLS FROM MOUSE BONE MARROW CULTURES SUPPLEMENTED WITH GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR", <u>J. EXP. MED.</u> , VOL. 176, NO. 6, DECEMBER, 1992, PP. 1693-1702			
				IWAI, ET AL. "ACCEPTANCE OF MURINE THYROID ALLOGRAFTS BY PRETREATMENT OF ANTI-Ia ANTIBODY OR ANTI-DENDRITIC CELL ANTIBODY IN VITRO", <u>TRANSPLANTATION</u> , VOL. 47, NO. 1, JANUARY, 1989, PP. 45-49			
				JANSEN, ET AL. "INHIBITION OF HUMAN MACROPHAGE COLONY FORMATION BY INTERLEUKIN-4", <u>J. EXP. MED.</u> , VOL. 170, AUGUST 1989, PP. 577-582			
				JENSEN, P.E. "PROTEIN SYNTHESIS IN ANTIGEN PROCESSING", <u>THE JOURNAL OF IMMUNOLOGY</u> , VOL. 141, NO. 8, OCTOBER 15, 1988, PP 2545-2550			
				JONULEIT, ET AL. "KERATINOCYTE-DERIVED IL-15 ENHANCES ACCESSORY FUNCTION OF EPIDERMAL LANGERHANS CELLS AND BLOOD DENDRITIC CELLS." <u>J. INVEST. DERMATOL.</u> VOL. 105, P. 861, DECEMBER 1995			
				KAMPGEN, ET AL. CLASS II MAJOR HISTOCOMPATIBILITY COMPLEX MOLECULES OF MURINE DENDRITIC CELLS: SYNTHESIS, SIALYLATION OF INVARIANT CHAIN, AND ANTIGEN PROCESSING CAPACITY ARE DOWNREGULATED UPON CULTURE, <u>PROC. NATL. ACAD. SCI., USA</u> 88:3014 1991			
				KATZ, ET AL. "EPIDERMAL LANGERHANS CELLS ARE DERIVED FROM CELLS ORIGINATING IN BONE MARROW, <u>NATURE</u> , 282:324 1979			
				KASHIHARA-SAWAMI, ET AL. "A MONOCLONAL ANTIBODY SPECIFICALLY REACTIVE TO HUMAN LANGERHANS CELLS," <u>J. INVEST. DERMATOL.</u> 87:602-607 1986			
				KLINKERT, ET AL. "ACCESSORY AND STIMULATING PROPERTIES OF DENDRITIC CELLS AND MACROPHAGES ISOLATED FROM VARIOUS RAT TISSUES", <u>J. EXP. MED.</u> , VOL. 156, NO. 1, JULY 1, 1982, PP. 1-19			
				KNIGHT, ET AL. "INDUCTION OF IMMUNE RESPONSES IN VIVO WITH SMALL NUMBERS OF VEILED (DENDRITIC) CELLS", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 80, NO. 19, OCTOBER, 1983, PP. 6032-6035			
				KNIGHT, ET AL. "ROLE OF VEILED CELLS IN LYMPHOCYTE ACTIVATION", <u>EUROPEAN J. IMMUNOLOGY</u> , VOL. 12, (1982), PP. 1057-1060			
				KOCH, ET AL. "TUMOR NECROSIS FACTOR $\alpha$ MAINTAINS THE VIABILITY OF MURINE EPIDERMAL LANGERHANS CELLS IN CULTURE, BUT IN CONTRAST TO GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR, WITHOUT INDUCING THEIR FUNCTIONAL MATURATION, <u>J. EXP. MED.</u> , VOL. 171, NO. 1, JANUARY 1, 1990, PP. 159-171			
				KOCH, ET AL. "HIGH LEVEL IL-12 PRODUCTION BY MURINE DENDRITIC CELLS: UPREGULATION VIA MHC CLASS II AND CD40 MOLECULES AND DOWNREGULATION BY IL-4 AND IL-10." <u>EXP. MED.</u> , VOL. 184, PP. 741-746, 1996			



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>08/000,403</del>	
<b>INFORMATION DISCLOSURE CITATION</b>   (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				KRAAL, ET AL. LANGERHANS' CELLS VEILED CELLS, AND INTERDIGITATING CELLS IN THE MOUSE RECOGNIZED BY A MONOCLONAL ANTIBODY", <u>J. EXP. MED.</u> , VOL. 163, NO. 4, APRIL 1, 1986, PP. 981-997			
				LANZAVECCHIA "IDENTIFYING STRATEGIES FOR IMMUNE INTERVENTION", <u>SCIENCE</u> , VOL. 260, MAY 14, 1993, PP. 937-944			
				LARSEN, ET AL. "REGULATION OF IMMUNOSTIMULATORY FUNCTION AND COSTIMULATORY MOLECULE (B7-1 AND B7-2) EXPRESSION ON MURINE DENDRITIC CELLS", <u>AM. ASSOC. IMMUNOLOGISTS</u> , 1994, PP. 5207-5219			
				LECHLER, ET AL. "RESTORATION OF IMMUNOGENICITY TO PASSENGER CELL-DEPLETED KIDNEY ALLOGRAFTS BY THE ADDITION OF DONOR STRAIN DENDRITIC CELLS", <u>J. EXP. MED.</u> , VOL. 155, JANUARY, 1982, PP. 31-41			
				LENZ, ET AL. "HUMAN AND MURINE DERMIS CONTAIN DENDRITIC CELLS", <u>J. CLIN. INVEST.</u> 92:2587-2596 DECEMBER 1993			
				LI, ET AL. "PRIMING WITH RECOMBINANT INFLUENZA VIRUS FOLLOWED BY ADMINISTRATION OF RECOMBINANT VACCINE VIRUS INDUCES CD8+ T-COIL-MEDIATED PROTECTIVE IMMUNITY AGAINST MALARIA, <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 90, PP 5214-5218, June 1993			
				LI, ET AL. "INFLUENZA A VIRUS TRANSFECTANTS WITH CHIMERIC HEMAGGLUTININS CONTAINING EPITOPES FROM DIFFERENT SUBTYPES", <u>JOURNAL OF VIROLOGY</u> , VOL. 66, NO. 1., PP. 399-404, JANUARY 1992			
				LU, ET AL. "PROPAGATION OF DENDRITIC CELL PROGENITORS FROM NORMAL MOUSE LIVER USING GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND THEIR MATURATIONAL DEVELOPMENT IN THE PRESENCE OF TYPE-1 COLLAGEN", <u>J. EXP. MED.</u> , Vol. 179, June, 1994, PP. 1823-1834			
				LUYTJES, ET AL. "AMPLIFICATION, EXPRESSION, AND PACKAGING OF A FOREIGN GENE BY INFLUENZA VIRUS", <u>CELL</u> , VOL 59, PP 1107-1113, DECEMBER 22, 1989			
				MACATONIA, ET AL. "PRIMARY STIMULATION BY DENDRITIC CELLS INDUCES ANTIVIRAL PROLIFERATIVE AND CYTOTOXIC T CELL RESPONSES IN VITRO", <u>JOURNAL OF EXPERIMENTAL MEDICINE</u> , VOL. 169, APRIL 1989, PP. 1255-1264			
				MACATONIA, ET AL. "LOCALIZATION OF ANTIGEN ON LYMPH NODE DENDRITIC CELLS AFTER EXPOSURE TO THE CONTACT SENSITIZER FLUORESCIEIN ISOTHIOCYANATE", <u>J. EXP. MED.</u> , VOL 166, DECEMBER 1987, PP 1654-1667			
				MACPHERSON "LYMPHOID DENDRITIC CELLS: THEIR LIFE HISTORY AND ROLES IN IMMUNE RESPONSES", <u>RES. IMMUNOLOGY</u> 1989, VOL. 140, PP. 877-926			
				MACPHERSON, ET AL. "PROPERTIES OF LYMPH-BORNE (VEILED) DENDRITIC CELLS IN CULTURE", <u>IMMUNOLOGY</u> , VOL. 68, NO. 1, SEPTEMBER 1989, PP. 108-113			
				MACPHERSON, ET AL. "ENDOTOXIN-MEDIATED DENDRITIC CELL RELEASE FROM THE INTESTINE: CHARACTERIZATION OF RELEASED DENDRITIC CELLS AND TNF DEPENDENCE.", <u>J. IMMUNOL.</u> VOL. 154, PP. 1317-1322, (1995)			
				MARKOWICZ "GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR PROMOTES DIFFERENTIATION AND SURVIVAL OF HUMAN PERIPHERAL BLOOD DENDRITIC CELLS IN VITRO", <u>J. CLIN. INVEST.</u> , VOL. 85(3), MARCH 1990, P.955-961			

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
2016-4011US2PARENT APPLICATION SERIAL NO.  
~~997000,483~~

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S)

RALPH M. STEINMAN, ET AL.

FILING DATE (PARENT APPLICATION)

February 12, 1996

GROUP ART UNIT

~~1648~~ 1644

MASON, ET AL. "THE RAT MIXED LYMPHOCYTE REACTION: ROLES OF A DENDRITIC CELL IN INTESTINAL LYMPH AND T-CELL SUBSETS DEFINED BY MONOCLONAL ANTIBODIES", IMMUNOLOGY, VOL. 44, NO. 1, SEPTEMBER, 1981, PP. 75-87

MAYANI, ET AL. "CYTOKINE-INDUCED SELECTIVE EXPANSION AND MATURATION OF ERYTHROID VERSUS MYELOID PROGENITORS FROM PURIFIED CORD BLOOD PRECURSOR CELLS", BLOOD, VOL. 81, NO. 12, JUNE 15, 1993, PP. 3252-3258

MAYORDOMO, ET AL. "BONE MARROW-DERIVED DENDRITIC CELLS PULSED WITH SYNTHETIC TUMOUR PEPTIDES ELICIT PROTECTIVE AND THERAPEUTIC ANTITUMOR IMMUNITY." NATURE MED. VOL.1, NO. 12, PP. 1297-1302, DECEMBER, 1995.

MCWILLIAM, ET AL. "RAPID DENDRITIC CELL RECRUITMENT IS A HALLMARK OF THE ACUTE INFLAMMATORY RESPONSE AT MUCOSAL SURFACES." J. EXP. MED. VOL. 179, PP. 1331-1336, APRIL 1994.

METCALF, D. "THE MOLECULAR CONTROL OF BLOOD CELLS", HARVARD UNIV. PRESS, CAMBRIDGE, MA 1988

METCALF, D. "THE MOLECULAR CONTROL OF CELL DIVISION DIFFERENTIATION COMMITMENT AND MATURATION IN HAEMOPOIETIC CELLS", NATURE, 339:27-30 1989

METCALF, D. "CONTROL OF GRANULOCYTES AND MACROPHAGES: MOLECULAR, CELLULAR AND CLINICAL ASPECTS", SCIENCE 254:529-533 1991

Mellay, J.P., et al. "THE DISTINCT LEUKOCYTE INTEGRINS OF MOUSE SPLEEN DENDRITIC CELLS AS IDENTIFIED WITH NEW HAMSTER MONOCLONAL ANTIBODIES", J. Exp. Med. 171:1753-1771, 1990

MOHAMADZADEH, ET AL. "FUNCTIONAL AND MORPHOLOGICAL CHARACTERIZATION OF 4F7<sup>+</sup> SPLEEN ACCESSORY DENDRITIC CELLS", INTER. IMMUN. 5/6:615-624

MUKHERJI, ET AL. "INDUCTION OF ANTIGEN-SPECIFIC CYTOLYTIC T CELLS IN SITU IN HUMAN MELANOMA BY IMMUNIZATION WITH SYNTHETIC PEPTIDE-PULSED AUTOLOGOUS ANTIGEN PRESENTING CELLS", PROC. NATL. ACAD. SCI. USA, VOL. 92, PP. 8078-8082, AUGUST 1995

NAITO, ET AL. "MACROPHAGE FACTORS WHICH ENHANCE THE MIXED LEUKOCYTE REACTION INITIATED BY DENDRITIC CELLS", JOURNAL OF IMMUNOLOGY, VOL. 142, NO. 6, MARCH 15, 1989, PP. 1834-1839

NONACS, ET AL. "MECHANISMS OF MOUSE SPLEEN DENDRITIC CELL FUNCTION IN THE GENERATION OF INFLUENZA-SPECIFIC, CYTOLYTIC T LYMPHOCYTES", J. EXP. MED., Vol. 176, August 1992, PP. 519-529

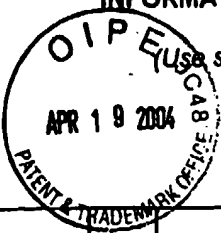
Nussenzweig, M.C., et al. "A MONOCLONAL ANTIBODY SPECIFIC FOR MOUSE DENDRITIC CELLS", Proc. Natl. Acad. Sci. USA 79:161-165, 1982

O'DOHERTY, ET AL. "HUMAN BLOOD CONTAINS TWO SUBSETS OF DENDRITIC CELLS, ONE IMMUNOLOGICALLY MATURE AND THE OTHER IMMATURE", IMMUNOLOGY, VOL. 82, 1994, PP. 487-493

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>88/600,403</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				OSBAND, ET AL. "PROBLEMS IN THE INVESTIGATIONAL STUDY AND CLINICAL USE OF CANCER IMMUNOTHERAPY", <u>IMMUNOLOGY TODAY</u> , VOL. 11. NO. 6, PP. 103-105, 1990			
				PAGLIA, ET AL. "IMMORTALIZED DENDRITIC CELL LINE FULLY COMPETENT IN ANTIGEN PRESENTATION INITIATES PRIMARY T CELL RESPONDED IN VIVO", <u>J. EXP. MED.</u> , VOL. 178, DECEMBER, 1993, PP. 1893-1901			
				PEACE, ET AL. "LYSIS OF RAS ONCOGENE-TRANSFORMED CELLS BY SPECIFIC CYTOTOXIC T LYMPHOCYTES ELICITED BY PRIMARY IN VITRO IMMUNIZATION WITH MUTATED RAS PEPTIDE", <u>J. EXP. MED.</u> , VOL. 179, FEBRUARY 1994, PP. 473-479			
				PUGH, ET AL. "CHARACTERIZATION OF NONLYMPHOID CELLS DERIVED FROM RAT PERIPHERAL LYMPH", <u>J. EXP. MED.</u> , 157:1758 1983			
				PURÉ, ET AL. "ANTIGEN PROCESSING BY EPIDERMAL LANGERHANS CELLS CORRELATES WITH THE LEVEL OF BIOSYNTHESIS OF MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II MOLECULES AND EXPRESSION OF INVARIANT CHAIN", <u>J. EXP. MED.</u> , 172:1459 1990.			
				PETTENGELL, ET AL. "PERIPHERAL BLOOD PROGENITOR CELL TRANSPORTATION IN LYMPHOMA AND LEUKEMIA USING A SINGLE APHERESIS", <u>BLOOD</u> , VOL. 82, NO. 12, DECEMBER 15, 1993, PP. 3770-3777			
				REID, ET AL. "INTERACTIONS OF TUMOR NECROSIS FACTOR WITH GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR AND OTHER CYTOKINES IN THE REGULATION OF DENDRITIC CELL GROWTH IN VITRO FROM EARLY BIPOTEENT CD34 PROGENITORS IN HUMAN BONE MARROW", <u>J. IMMUNOLOGY</u> , VOL. 149, NO. 8, OCTOBER 15, 1992, PP. 2681-2688			
				RIA, ET AL. "IMMUNOLOGICAL ACTIVITY OF COVALENTLY LINKED T-CELL EPITOPES", <u>NATURE</u> , VOL. 343, JANUARY 25, 1990, PP. 381-383			
				RIDDELL, ET AL. "RESTORATION OF VIRAL IMMUNITY OF IMMUNODEFICIENT HUMANS BY THE ADAPTIVE TRANSFER OF T CELL CLONES", <u>SCIENCE</u> , Vol. 257, PP. 238-241, July 10, 1992			
				ROAKE, ET AL. "DENDRITIC CELL LOSS FROM NON-LYMPHOID TISSUES AFTER SYSTEMIC ADMINISTRATION OF LIPOPOLYSACCHARIDE, TUMOR NECROSIS FACTOR, AND INTERLEUKIN-1." <u>J. EXP. MED.</u> VOL. 181, PP. 2237-2247, JUNE 1995			
				ROMANI, ET AL. "GENERATION OF MATURE DENDRITIC CELLS FROM HUMAN BLOOD. AN IMPROVED METHOD WITH SPECIAL REGARD TO CLINICAL APPLICABILITY", VOL. 196, 1996, PP. 137-151			
				ROMANI, ET AL. "PROLIFERATING DENDRITIC CELL PROGENITORS IN HUMAN BLOOD", <u>J. EXP. MED.</u> , VOL. 180, JULY 1994, PP. 83-93			
				ROMANI, ET AL. "CULTURED HUMAN LANGERHANS CELLS RESEMBLE LYMPHOID DENDRITIC CELLS IN PHENOTYPE AND FUNCTION." <u>J. INVEST. DERMATOL.</u> VOL. 93, NO. 5, PP. 600-609, NOVEMBER 1989.			
				ROMANI, ET AL. "PRESENTATION OF EXOGENOUS PROTEIN ANTIGENS BY DENDRITIC CELLS TO T CELL CLONES: INTACT PROTEIN IS PRESENTED BEST BY IMMATURE, EPIDERMAL LANGERHANS CELLS", <u>J. EXP. MED.</u> , 169:1169 1989			
				RUDENSKY, ET AL. "SEQUENCE ANALYSIS OF PEPTIDES BOUND TO MHC CLASS II MOLECULES", <u>NATURE</u> , VOL. 353, OCTOBER 17, 1991, PP. 622-627			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. <del>08/600,482</del>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
				SALLUSTO, ET AL. "DENDRITIC CELLS USE MACROPINOCYTOSIS AND THE MANNOSE RECEPTOR TO CONCENTRATE ANTIGEN IN THE MHC CLASS II COMPARTMENT: DOWNREGULATION BY CYTOKINES AND BACTERIAL PRODUCTS." <u>J. EXP. MED.</u> VOL. 182, PP. 389-400, AUGUST 1995.			
				SANTIAGO-SCHWARZ, F., Bellios, E., Diamond, B., Carsons SE: (1992) "TNF IN COMBINATION WITH GM-CSF ENHANCES THE DIFFERENTIATION OF NEONATAL CORD BLOOD STEM CELLS INTO DENDRITIC CELLS AND MACROPHAGES." <u>J. Leukocyte Biol.</u> 52:274-281 1992			
				SCHEICHER, ET AL. "DENDRITIC CELLS FROM MOUSE BONE MARROW: IN VITRO DIFFERENTIATION USING LOW DOSES OF RECOMBINANT GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR", <u>J. IMMUNOLOGICAL METHODS</u> , VOL. 154, NO. 2, PP. 253-264, 1992			
				SCHULER, ET AL. "EPIDERMAL LANGERHANS CELLS REPRESENT IMMATURE DENDRITIC CELLS THAT MUST DIFFERENTIATE PRIOR TO EXPRESSING THEIR FULL IMMUNOLOGIC POTENTIAL", <u>INVESTIG. DERMATOLOGY</u> , VOL. 87, NO. 1, JULY 1, 1986, P.116			
				SCHULER, ET AL. "MURINE EPIDERMAL LANGERHANS CELLS MATURE INTO POTENT IMMUNOSTIMULATORY DENDRITIC CELLS IN VITRO", <u>J. EXP. MED.</u> , VOL.161, MARCH 1985, PP. 526-546			
				SHIMONKEVITZ, ET AL. "ANTIGEN RECOGNITION BY H-2 RESTRICTED CELLS", <u>J. EXP. MED.</u> , VOL. 158, AUGUST 1983, PP. 303-316			
				SORNASSE, ET AL. "LOADING OF DENDRITIC CELLS WITH ANTIGEN IN VITRO OR IN VIVO BY IMMUNOTARGETING CAN REPLACE THE NEED FOR ADJUVANT", <u>ADV. EXP. MED. BIOL.</u> , VOL. 329, 1993, PP. 299-303			
				STEINMAN "THE DENDRITIC CELL SYSTEM AND ITS ROLE IN IMMUNOGENICITY", <u>ANN. REV. IMMUNOLOGY</u> , VOL. 9, PP.271-296, 1991			
				STEINMAN, IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 149, NO. 2, PP. 1-16, JANUARY 1979			
				STEINMAN, ET AL. "MATURATION AND MIGRATION OF CUTANEOUS DENDRITIC CELLS", <u>INVESTIG. DERMATOLOGY</u> , VOL. 105, NO. 1, JULY 1995, P.2S-7S			
				STEINMAN, ET AL. "IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 137, NO. 4, APRIL 1, 1973, PP. 1142-1162			
				STEINMAN "DENDRITIC CELLS: CLINICAL ASPECTS", <u>28TH FORUM IN IMMUNOLOGY</u> , ROCKEFELLER UNIV. AND IRGINGTON INST. FOR MED. RES., PP. 911-924			
				STEINMAN, ET AL. "IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 139NO. 6, JUNE 1, 1974, PP. 1431-1445			
				Steinman, R.M., et al. "LYMPHOID DENDRITIC CELLS ARE POTENT STIMULATORS OF THE PRIMARY MIXED LEUKOCYTE REACTION IN MICE", <u>Proc. Natl. Acad. Sci. USA</u> 75:5132-5136			
				SPRECHER, ET AL. "ROLE OF LANGERHANS CELLS AND OTHER DENDRITIC CELLS IN VIRAL DISEASES", <u>ARCH VIROL</u> 132:1-28 1993			
				SZABOLCS, ET AL. "EXPANSION OF IMMUNOSTIMULATORY DENDRITIC CELLS AMONG THE MYELOID PROGENY OF HUMAN CD34+ BONE MARROW PRECURSORS CULTURED WITH C-KIT LIGAND, GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR, AND TNF- $\alpha$ <sup>1,2</sup> ", <u>J. IMMUNOL.</u> VOL. 154, PP. 5851-5861, (1995)			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2	PARENT APPLICATION SERIAL NO. <del>06/000,403</del>
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.	
				FILING DATE (PARENT APPLICATION) February 12, 1996	GROUP ART UNIT 1648
				TEUNISSEN, "HUMAN EPIDERMAL LANGERHANS CELLS UNDERGO PROFOUND MORPHOLOGIC AND PHENOTYPICAL CHANGES DURING IN VITRO CULTURE", <u>J. INVEST. DERMATOL.</u> , 94:166 1990	
				THOMAS, ET AL. "ISOLATION AND CHARACTERIZATION OF HUMAN PERIPHERAL BLOOD DENDRITIC CELLS." <u>J. IMMUNOL.</u> VOL. 150, NO. 3, PP. 821-834, FEBRUARY 1, 1993	
				THOMAS, ET AL. "RHEUMATOID SYNOVIUM IS ENRICHED IN MATURE ANTIGEN-PRESENTING DENDRITIC CELLS." <u>J. IMMUNOL.</u> VOL. 152, PP. 2613-2623, (1993)	
				TROPPMAIR, ET AL. "INTERFERONS (IFNs) AND TUMOR NECROSIS FACTORS (TNFs) IN T CELL-MEDIATED IMMUNE RESPONSES AGAINST ALLOANTIGENS. I. INFLUENCE ON THE ACTIVATION OF RESTING AND ANTIGEN-PRIMED T CELLS", <u>IMMUNOBIOLOGY</u> , VOL. 176, PP. 236-254, (1988)	
				VAKKILA, ET AL. "HUMAN PERIPHERAL BLOOD-DERIVED DENDRITIC CELLS DO NOT PRODUCE INTERLEUKIN 1 $\alpha$ , INTERLEUKIN 1 $\beta$ , OR INTERLEUKIN 6", <u>SCAND. J. IMMUNOLOGY</u> , VOL. 31, NO. 3, PP. 345-352, 1990	
				VAN VOORHIS, ET AL. "HUMAN DENDRITIC CELLS", <u>J. EXP. MED.</u> VOL. 155, APRIL, 1982, PP. 1172-1187	
				WANG, ET AL. "HUMAN TUMOR ANTIGENS RECOGNIZED BY T LYMPHOCYTES: IMPLICATIONS FOR CANCER THERAPY", <u>JOURNAL OF LEUKOCYTE BIOLOGY</u> , VOL. 60, PP. 296-309, SEPTEMBER 1996	
				WITMER-PACK, ET AL. "GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR IS ESSENTIAL FOR THE VIABILITY AND FUNCTION OF CULTURED MURINE EPIDERMAL LANGERHANS CELLS", <u>J. EXP. MED.</u> , VOL. 166, NO. 5, NOVEMBER 1, 1987, PP.1484-1498	
				Witmer-Pack, M.D., et al. "MACROPHAGES, BUT NOT DENDRITIC CELLS, ACCUMULATE COLLOIDAL CARBON FOLLOWING ADMINISTRATION IN SITU", <u>J. Cell Sci.</u> 105:965-973, 1993.	
				WILLIAMS, ET AL. "ISOLATION AND FUNCTION OF HUMAN DENDRITIC CELLS, INTERNATIONAL REVIEW OF CYTOLOGY", 153:41-103 1994	
				WRAITH, ET AL. "ANTIGEN RECOGNITION IN AUTOIMMUNE ENCEPHALOMYELITIS AND THE POTENTIAL FOR PEPTIDE-MEDIATED IMMUNOTHERAPY", <u>CELL</u> , VOL. 59, PP. 247-255, 1989	
				WRAITH, ET AL. "INFLUENZA VIRUS-SPECIFIC CYTOTOXIC T-CELL RECOGNITION: STIMULATION NUCLEOPROTEIN-SPECIFIC CLONES WITH INTACT ANTIGEN", <u>IMMUNOLOGY</u> , VOL. 59, PP. 173-180, 1986	
				YOUNG, ET AL. "DENDRITIC CELLS AS ADJUVANTS FOR CLASS I MAJOR HISTOCOMPATIBILITY COMPLEX-RESTRICTED ANTITUMOR IMMUNITY", <u>J. EXP. MED.</u> , Vol. 183, pages 7-11, January 1996	
				YOUNG, ET AL. "DENDRITIC CELLS STIMULATE PRIMARY HUMAN CYTOLYTIC LYMPHOCYTE RESPONSES IN THE ABSENCE OF CD4 HELPER T CELLS, <u>JOURNAL OF EXPERIMENTAL MEDICINE</u> , VOL. 171, PP. 1315-1332, APRIL 1990	
				YOUNG, ET AL. "ACCESSORY CELL REQUIREMENTS FOR THE MIXED-LEUKOCYTE REACTION AND POLYCLONAL MITOGENS, AS STUDIED WITH A NEW TECHNIQUE FOR ENRICHING BLOOD DENDRITIC CELLS." <u>CELL. IMMUNOL.</u> VOL. 111, PP. 167-182.	

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2	PARENT APPLICATION SERIAL NO. <del>00/000,403</del>
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.	
				FILING DATE (PARENT APPLICATION) February 12, 1996	GROUP ART UNIT 1648 <i>1644</i>
			YOUNG, ET AL. "IDENTIFICATION OF DENDRITIC CELL COLONY-FORMING UNITS AMONG NORMAL CD34+ BONE MARROW PROGENITORS THAT ARE EXPANDED BY C-KIT-LIGAND AND YIELD PURE DENDRITIC CELL COLONIES IN THE PRESENCE OF GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND TUMOR NECROSIS FACTOR $\alpha$ ." <u>J. EXP. MED.</u> VOL. 182, PP. 1111-1120, OCTOBER 1995.		
			ZHOU, ET AL. "HUMAN BLOOD DENDRITIC CELLS SELECTIVELY EXPRESS CD83, A MEMBER OF THE IMMUNOGLOBULIN SUPERFAMILY", <u>THE JOURNAL OF IMMUNOLOGY</u> , VOL. 154, 1995, PP. 3821-3835		
			ZHOU, ET AL. "CD14+ BLOOD MONOCYTES CAN DIFFERENTIATE INTO FUNCTIONALLY MATURE CD83+ DENDRITIC CELLS." <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 93, PP. 2588-2592, MARCH 1996		
			ZIEGLER, ET AL. "DECREASE IN MACROPHAGE ANTIGEN CATABOLISM CAUSED BY AMMONIA AND CHLOROQUINE IS ASSOCIATED WITH INHIBITION OF ANTIGEN PRESENTATION TO T CELLS", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 79, JANUARY, 1982, PP. 175-178		
			ZVAIFLER, ET AL. "IDENTIFICATION OF IMMUNOSTIMULATORY DENDRITIC CELLS IN THE SYNOVIAL EFFUSIONS OF PATIENTS WITH RHEUMATOID ARTHRITIS." <u>J. CLIN. INVEST.</u> VOL. 76, PP. 789-800, AUGUST 1985		
EXAMINER <i>JSZ</i> <i>1/20/04</i>			DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

M&amp;F REV. 06/29/95